

IN THE CLAIMS

Change the claims to read as shown below on pages 2 through 9. A marked up version of the prior version of the claims is shown on pages 10 through 21.

Change to:

1. (amended) Independent software components that integrate organization related data using xml and a common schema to support organization processing.
2. (amended) The software components of claim 1 where an organization is a single product, a group of products, a division, a company, a multi-company corporation or a value chain.
3. (amended) The software components of claim 1 where the xml further comprises xml based metadata.
4. (amended) The software components of claim 1 where the common schema includes an organization designation.
5. (amended) The software components of claim 1 where the common schema includes a data dictionary.
6. (amended) The software components of claim 1 where the data dictionary defines standard data attributes from the group consisting of account numbers, components of value, currencies, elements of value, units of measure and time periods.
7. (amended) The software components of claim 1 where organization related data is obtained from the group consisting of advanced financial systems, basic financial systems, alliance management systems, brand management systems, customer relationship management systems, channel management systems, estimating systems, intellectual property management systems, process management systems, supply chain management systems, vendor management systems, operation management systems,

enterprise resource planning systems (ERP), material requirement planning systems (MRP), quality control systems, sales management systems, human resource systems, accounts receivable systems, accounts payable systems, capital asset systems, inventory systems, invoicing systems, payroll systems, purchasing systems, web site systems, external databases and combinations thereof.

8. (amended) The software components of claim 1 where at least a portion of the data is from the Internet or an external database.

9. (amended) The software components of claim 1 that convert data to match the common schema as required.

10. (amended) The software components of claim 1 that support processing for organization analysis.

11. (amended) Network models that support organization analysis, management and optimization.

12. (amended) The network models of claim 11 that are selected from the group consisting of models that quantify the impact of sub elements of value on the elements of value, models that quantify the impact of elements of value on enterprise value, models that quantify the impact of each enterprise on organization value, two tiered models that quantify the impact of sub elements of value on the elements of value and the impact of elements of value on enterprise value, two tiered models that quantify the impact of elements of value on enterprise value and the impact of each enterprise on organization value and three tiered models that quantify the impact of sub elements of value on the elements of value, the impact of elements of value on enterprise value and the impact of each enterprise on organization value.

13. (amended) The network models of claim 12 where the inputs to the network models are selected from the group consisting of tangible impact indicators, combinations of tangible impact indicators and combinations thereof.

14. (amended) The network models of claim 12 where the impacts on elements of value, enterprise value and organization value are identified by category of value where the

categories of value are selected from the group consisting of current operation, real options, market sentiment and combinations thereof.

15. (amended) The network models of claim 14 where the current operation category of value can be further subdivided by component of value where components of value are selected from the group consisting of revenue, expense, capital change and combinations thereof.

16. (amended) The network models of claim 12 where the hidden layer in the network models quantify the relationship between each input, the other inputs and the output measure.

17. (amended) The network models of claim 12 where the elements of value are selected from the group consisting of alliances, brands, channels, customers, customer relationships, employees, employee relationships, intellectual capital, intellectual property, partnerships, processes, production equipment, vendors, vendor relationships and combinations thereof.

18. (amended) The network models of claim 12 where the subelements of value are selected from the group consisting of a single alliance, groups of alliances, a single brand, groups of brands, a single customer, groups of customers, a single customer relationship, groups of customer relationships, a single employee, groups of employees, a single employee relationship, groups of employee relationships, a single piece of intellectual property, groups of intellectual property, a single partnership, groups of partnerships, a single process, groups of processes, a single vendor, groups of vendors, a single vendor relationship, groups of vendor relationships and combinations thereof.

19. (amended) The network models of claim 11 that support organization analysis, management and optimization activities from the group consisting of automated equity trading, contribution analysis, element ranking, impact analysis, management reporting, multi-criteria optimization, network optimization, option discount rate calculation, pricing optimization, process optimization, purchasing optimization, simulation, element valuation, closed loop optimization and combinations thereof.

20. (amended) The network models of claim 11 that are developed by learning from the data.

21. (amended) The network models of claim 20 where the learning is completed on a continuous basis.

22. (amended) The network models of claim 11 that are selected from the group consisting of neural network models, bayesian models, regression models, multi-adaptive regression spline models, multivalent models and combinations thereof.

23. (amended) The network models of claim 24 where the type of network model used is determined via a tournament.

24. (amended) A computer readable medium having sequences of instructions stored therein, which when executed cause the processors in a plurality of computers that have been connected via a network to perform an organization share price method, comprising:

integrating organization related data in accordance with a common schema, and
developing a model of organization share price by category of value using at least a portion of said data.

25. (amended) The computer readable medium of claim 24 where the categories of value are selected from the group consisting of current operation, real option, market sentiment and combinations thereof.

26. (amended) The computer readable medium of claim 24 where the common schema further comprises an xml schema.

27. (amended) The computer readable medium of claim 24 where the method further comprises:

identifying an organization share price cutoff using said model, and
completing one or more organization equity transactions based on the difference between market price and the share price cutoff in an automated fashion.

28. (amended) The computer readable medium of claim 27 where the share price cutoff is the price where the value of organization market sentiment is negative.

29. (amended) The computer readable medium of claim 24 where the method further comprises:

calculating a value for each of one or more elements of value using said share price model, and

displaying each of the one or more element values using a paper document or electronic display.

30. (amended) The computer readable medium of claim 29 where the elements of value are selected from the group consisting of alliances, brands, channels, customers, customer relationships, employees, employee relationships, intellectual capital, intellectual property, partnerships, processes, production equipment, vendors, vendor relationships and combinations thereof.

31. (amended) The computer readable medium of claim 24 where the method further comprises:

identifying changes in element indicators that will optimize one or more aspects of organization financial performance using said model, and

displaying the list changes and the organization value after the changes.

32. (amended) The computer readable medium of claim 31 where the elements of value are selected from the group consisting of alliances, brands, channels, customers, customer relationships, employees, employee relationships, intellectual capital, intellectual property, partnerships, processes, production equipment, vendors, vendor relationships and combinations thereof.

33. (amended) The computer readable medium of claim 31 where element indicators are selected from the group consisting of composite variables, transaction averages, time lagged transaction averages, transaction ratios, time lagged transaction ratios, transaction trends, time lagged transaction trends, time lagged transaction data, transaction patterns, time lagged transaction patterns, geospatial measures, time lagged geospatial measures, relative rankings, links, frequencies, time periods, average

time periods, cumulative time periods, rolling average time periods, cumulative total values, the period to period rates of change and combinations thereof.

34. (amended) The computer readable medium of claim 31 where aspects of organization financial performance are selected from the group consisting of revenue, expense, capital change, current operation value, real option value, market sentiment value, market value and combinations thereof.

35. (amended) The computer readable medium of claim 24 where organization related data are obtained from the group consisting of advanced financial systems, basic financial systems, alliance management systems, brand management systems, customer relationship management systems, channel management systems, estimating systems, intellectual property management systems, process management systems, supply chain management systems, vendor management systems, operation management systems, enterprise resource planning systems (ERP), material requirement planning systems (MRP), quality control systems, sales management systems, human resource systems, accounts receivable systems, accounts payable systems, capital asset systems, inventory systems, invoicing systems, payroll systems, purchasing systems, web site systems, external databases and combinations thereof.

36. (amended) The computer readable medium of claim 24 where the data includes historical data, forecast data and combinations thereof.

37. (amended) The computer readable medium of claim 24 where the data are transaction data, descriptive data, geospatial data, text data, linkage data and combinations thereof.

38. (amended) The computer readable medium of claim 24 where an organization is a single product, a group of products, a division, a company, a multi-company corporation or a value chain.

39. (amended) The computer readable medium of claim 24 that identifies and analyzes the factors that affect facets of organization financial performance selected from the

group consisting of intellectual capital, elements of value, components of value, categories of value and combinations thereof.

40. (amended) Independent software components that integrate organization related data from a plurality of sources using a common data dictionary to support organization processing.

41. (amended) The software components of claim 40 where an organization is a single product, a group of products, a division, a company, a multi-company corporation or a value chain.

42. (amended) The software components of claim 40 where the data dictionary comprises part of an xml schema.

43. (amended) The software components of claim 40 where the data dictionary defines standard data attributes from the group consisting of account numbers, components of value, currencies, elements of value, units of measure and time periods.

44. (amended) The software components of claim 40 where organization related data is obtained from the group consisting of advanced financial systems, basic financial systems, alliance management systems, brand management systems, customer relationship management systems, channel management systems, estimating systems, intellectual property management systems, process management systems, supply chain management systems, vendor management systems, operation management systems, enterprise resource planning systems (ERP), material requirement planning systems (MRP), quality control systems, sales management systems, human resource systems, accounts receivable systems, accounts payable systems, capital asset systems, inventory systems, invoicing systems, payroll systems, purchasing systems, web site systems, external databases and combinations thereof.

45. (amended) The software components of claim 40 where at least a portion of the data is from the Internet or an external database.

46. (amended) The software components of claim 40 that convert data to match the common data dictionary as required.

47. (amended) The software components of claim 40 that support processing for organization analysis.

48. (amended) The software components of claim 40 that support processing for organization management.

49. (new) The software components of claim 40 that support processing for organization optimization.